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Summery

Iranian irrigation authorities, acting under the direction of the Ministry of Agriculture and with the concurrence and apparent encouragement of the Ministry of Foreign Affairs, have planned and are proceeding with the construction of several river diversion projects in the Kermanshah Ostan border area. Each of these projects will reduce the normal flow of water into Iraq. One project, already completed at Gasr-i-Shirin on the Alwand River, has affected the Khanaqin area and the Iraqi Government has protested. Other projects are reported to be under construction at or near Mehran (Kunian Chan River), Sunar (Gangir River), and Gilan Gilan River, which flows into the Alwand within Iran).

Iranian officials justify these projects on the grounds that additional vater is needed to supply and hold the Iranian border area population and improve conditions in a region which was depopulated during World War I and wherein irrigation dams and canals have since deteriorated. A Foreign Ministry official declared to officers of the Embassy that Iran has every right to utilize the waters within its own borders for this purpose and has stated that Iran should develop its potential for water diversion to the point where Iraq could be forced to come to terms and negotiate a settlement of the Shatt-al-Arab issue.

Iraq has delivered a note protecting Iran's action in diminishing the flow of water across the border and has claimed that the Iranian action violates the <u>Sumar Protocol</u>. It appears that this protocol is an agreement arrived at prior to or in connection with the proceedings of the Boundary Delimitation Counission of 1914, the Himstes of which were validated by the Boundary Treaty between Iraq and Iran of 1937. The <u>Super Protocol</u> has been described from the Iranian point of view as being applicable only to the division of waters which actually arrive at and form a part of the boundary.

Iran has replied to the recent note, rejecting the Iraqi protest on the grounds that there is no agreement which limits the use of water in any river within Iran prior to its flow to or across the border. The Iranian Government is declared to be entirely willing to negotiate boundary questions with Iraq and is particularly desirous of arriving at a settlement of the Shatt-al-Arab dispute. In the opinion of the Foreign Ministry official with when this matter was discussed, Iraq is not seriously disposed to settle this issue.

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Froms Amenbessy, Tobren

In the Embassy's view, Iran is likely to proceed with its plans for further river diversion in the border area but will adjust the amount of water diverted to correspond with actual consumption requirements (which are unlikely to be excessive), provided that there is some new indication of Iraqi willingness to amaliorate Iran's grisveness in the Shatt-al-Arab dispute, the present status of which Iranians regard as intolerable.

American officials have not been involved in the planning or construction of water diversion projects affecting the border area.

<u>Beckeround</u>

Early in August 1959, the Embassy reserved information that Iren was diverting substantial encunts of valer from one or more rivers which flow into Ireq. Particular mention was made of the Alwand River and a dam or weir located near Quar-i-Shirin, opposite Khanogin.

An inquiry made at the Foreign Ministry failed to confirm the foregoing report but did elicit information that the Government planned and had under construction several canal and small dem projects designed to increase Iran's supply of irrigation water in the border region, and provide Iran at the same time with the capability of diverting a considerable proportion of water from the normal flow to Iraq, so as to create pressure for a settlement of outstanding issues in the Shatt-el-Arab dispute.

The Foreign Ministry official with whom this matter was discussed declared that he was not personally informed as to the extent and progress of those projects but stated that he had strongly recommended a specific progrem of border area water diversion to the Ministry of Agriculture approximately one year ago, arguing that construction need not be costly, that Iranian rather than Iraqi farmers should benefit most from the availability of a considerable number of rivers and streams which rise in Iran and flow into Iraq, and lastly, that Iran should develop its potential for water diversion to the point where Iraq could be forced to come to terms on the Shatt-al-Arab.

Tentative Location of Border Irrigation/Diversion Dame

The following places were montioned as having been under study in connection with this proposal: Qasrwi-Shirin, Sumar, Gilan and Haft-e-Chih.

The rivers associated with these place names are located in the western-most part of Kermanshah Ostan, and flow into Iroq as follows:

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From: Amembassy, TEIRAU.

(Hap references pertain to Army Hap Service - Quarter Inch Series, Iran and Iran-Iraq. For single sheet coverage see Asia: 1:1,000,000 Baghdad AMS 3 North I-33).

- (1) <u>Oper-i-Shirin</u> the Alward River flows south from Casr-i-Shirin, then west across the border to Khanaqin, in Ireq. (AMS Quarter Inch No. I-38 J).
- (2) Sumar the Gongir River flows south from Sumar and crosses the border above the Iraqi town of Mandali. (AMS Quarter Inch No. I-38 P).
- (3) Gilan The Gilan River flows north to join the Alward (within Iran), east of Khanagin. (NES Quarter Inch No. 1-38 J).
- (4) <u>Maft Shah</u> the Ab-i-Maft is a stream which follows and forms a part of the border southeast of Khanaqin, until it flows entirely into Iraq at the town of Maft Khanah. This stream or river is fed within Iran by a number of tributaries, particularly from the parallel valley of the Chan-i-Kanagau Kush. (AMS Quarter Inch Nos. I-38 J and I-38 P).

Comment by the Minister of Agriculture

Information obtained concurrently from an official in the Ministry of Agriculture confirmed the general existence of new dam and canal construction in the Kermanshah Ostan border area. In the same conversation it was also learned that when the Prime Minister visited this area in mid-June, in company with the Minister of Agriculture, definite instructions were issued locally against diverting more than a certain (unspecified as reported, but presumably not excessive) proportion or amount of vator, and that the Prime Minister had insisted upon good relations on this point with the neighboring area of Iraq.

A review of historical and long-range political factors which influence Iren's position in this matter were later explained to a USOM official who meets regularly with Major General Hassan AKNAVI, the Minister of Agriculture.

General Akhavi's remarks included comment on the activity of Irrigation Bongah representatives in diverting water from two rivers which flow into Iraq, one near Khanaqin, and the other in the vicinity of "Eham Fhrahim" (location undetermined).

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FROM: AMERICAN, THRAU

The Minister's further comments on this subject were reported to the Embassy as follows:

"Before Norld Mar I the Iranians had several villages along the Iraq border thich were well developed from an acricultural standpoint and irrigated from these streams by various means, principally diversion canals. During the conflict, which seems to have been fairly concentrated in that area, these villagers were forced to abandon their homes and their farms and flee to the East. During the period of time of the abandonment of these villages the canala were not maintained, they more or less filled up and consequently a greater amount of water began to flow into Ireq. Then, subsequently, the Ireqis took advantage of this situation and expended their farming operations, making greater use of this source of water. During recent years these families began to resettle the area from which they were driven and began rebuilding the structures and canals which existed in earlier times. Ceneral Akhavi stated the policy of Iran is to stabilize these border villages and naturally this includes providing for a water supply. It is very necessary to convince these border villages that Iran is prepared to assist them in their aspirations to settle themselves. The Government wishes to stabilize the border population. General Akhavi further edded that Ireq is openly charging the Irenians with diverting a greater amount of this eater to Iranian soil than they are entitled to and that Americans are giving them encouragement and assistance. From General Akhavi's attitude I got the impression this did not disturb him perticularly and that they expect to proceed with their plans."

Report from Bashdad

A report from the American Embassy at Baghdad on August 20 informed the Department of Iranian interference with the normal supply of water to the Iraqi border town of Khanaqin, and of a local protest to Iranian authorities which was without result. The Helman River mentioned in Baghdad's report is presumed identical with the Almand River, which flows from the Helman valley (Cham-i-Helman) east of Qasr-i-Shirin. (AMS Quarter Inch No. I-38 J).

Information furnished with Baghdad's report indicated that the dry season flow of the foregoing river at Khanaqin is normally not less than five cubic meters per/cont, and that this flow had been cut to second

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about one tenth normal by the weir constructed in Iran. As a result, there had been consultation on the possibility of digging wells to provide an emergency supply of water in the Chanagin area.

Ireof Coment, in Tehren

The water diversion affecting Khanagin was mentioned subsequently in a conversation which took place between an officer of this Embassy and Abdul Jabber HADDAWI, Second Secretary of the Iraqi Embassy at Tehran. Fir. Haddawi remarked that this diversion would be only temporarily inconvenient to Iraq because the waters of the Diyala River would eventually be utilized in the Khanaqin area.

Commenting on a rumor which appeared in the Tehran deily news bulletin, "The Echo of Iren," (August 15, 1959), Haddawi denied that his Ambassador (Hussain JAMIL) was et all upset by the Alwand River diversion and declared that as yet his Embassy had had no repercussions from Ireq. He added that they gave no great importance nor significance to this development, remarking that border problems arose periodically. He stated that they were inclined to believe that this particular problem could be solved by Ireq and Iran getting together and discussing this matter in the light of agreements already in force.

1300 Resume of Irenian Border Irrigation Activities

On August 25, USCH/Iran provided the Embassy with a resume of information available concerning Iranian irrigation activities along the Iran-Iraq border. According to this report, an irrigation reconnaissance group, consisting of five officials from the Irrigation Bongah (semi-independent bureau under Ministry of Agriculture), and one FAO expert, made a preliminary survey of irrigation possibilities in the Kormanshah and Kurdistan areas during July of 1956 and prepared a report embodying definite recommendations as to what should be done in different areas.

The status and location of projects described in the USOM resume are quoted as follows:

"Jahidasht

This is a wide fertile plain west of Kermanshah. All of the available surface water is now used and a group of Irrigation Bongah engineers (Iranian) are there now to study the possibilities of developing the underground waters.

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Dasht-e-Zuhah

This is enother fertile plain along the Alvand River.

Another team from the Irrigation Bongah (Irenian) has gone there within the past two or three weeks to study the possibility of developing the ground water or of diverting water from the Alwand River.

Casr-i-Shirin

A diversion dam and a four-mater canal were constructed by the Irrigation Bongah from 1954 to 1956 and these were put into operation in 1958. It was the original plan that this canal would extend through a number of tunnels and continue over the 24 KM from Gasr-i-Shirin to Hasravi, irrigating some 1000 to 2000 hectares along the way and supplying drinking water to that village. Later investigations did not find suitable land to irrigate and it was decided that approximately one cubic mater of water sould be used for city water supply and irrigation around Gasr-i-Shirin. The remainder 3 NO * would be used to generate electricity for the city after which the water will continue on into Irag. The flow of the Alward River at this point is estimated at from 40 to 50 NG during the spring and around 5 No in summer and the fall months.

Dacht, Vehren

There is a diversion dam and a turnel now being built to use the water of the <u>Kumien Cham River</u> for irrigation in a valley near Mehran. Wr. Thompson served as an advisor to the committee who considered the investigations made of this area and refused to sign the report because he felt that the project was not economically justified. This opinion was also reported by Engineer Massari of the Irrigation Bongah."

The Mahidasht is located along the Kermanshah-Khenagin road, This area is relatively distant from the Iraqi border, (AMS Quarter Inch No. I-38 K).

The Dasht-e-Kuhab is east of Qaer-i-Sirin and may be located from the intersection of the Alward River and the Kermanshah-Khanaqin road, (AMS Quarter Inch No. I-38 J).

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The town of Mehran is located at the Iraqi border, east of Badra. The Kumiam Cham River forms a part of the boundary before flowing east from Mehran to Badra. (ANS Quarter Inch Bo. I-38 Q).

US Covernment Not Involved in Veter Diversion Projects

According to the USGA sources who provided the foregoing information, all of the projects being developed in the Iran-Iraq border area are under the suspices of the Plan Organization end/or the Irrigation Bongah. USGA personnel, except for the advisorable mentioned above in connection with the Dasht-e-Mahran survey, have not entered into these projects in any manner. Mr. Thompson, referred to above, is T.B. Thompson, Head, Mater Resources Branch, Agriculture and Natural Resources Division, USGA/Iran. He has informed the Embassy that while USGA/I project advisors have occasion to visit the Kermanshah-Senandej estens in response to requests for advice on specific water problems, none of these activities has been a project in the sense of affecting a river system, and none of these advisors have been called upon to participate in planning the physical diversion of waters flowing into Iraq.

Dr. C.T. Osgood, Land Use and Ferm Management Expert of the FAO steff in Iran, is the only American known to have visited the Kermanshah and Kurdisten border areas in connection with irrigation projects. Dr. Osgood was the FAO member of the survey team mentioned previously as having investigated various irrigation possibilities in the border region.

Formal Protest by Government of Ivec

Recently the Embassy learned that the Government of Iraq has now taken notice of the apparent seriousness of this matter; consequently, it has delivered a note of protest to the Iranian Government.

On September 19, Soltan Hosein SANANDAJI, Acting Chief of the First Political Division, Ministry of Foreign Affairs, confirmed receipt of the Iraqi note and declared that the gist of its content was a protest against Iran's unilateral action in diverting and diminishing the flow of waters which normally cross the border into Iraq. The note was said to have declared that this activity was a violation of the Sumar Protocol, described to the reporting officer as referring to a boundary line protocol agreed upon by Iran and the Ottoman Empire, and revalidated by the boundary treaty of 1937 (Boundary Treaty between Iraq and Iran, July 4, 1937).

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From Avenbessy TENDAN

According to Mr. Semendaji's explanation, the "Sumar Protocol" is recognized by Iren and provides for a division of waters which form a part of the boundary. The Protocol was further described as an agreement which followed from the findings of a boundary commission which included representatives of Great Britain and Russia.

Iranian Reply to Irani Note

Iran has replied to the Irequinote and is stated to have rejected the Iraqi protest on the grounds that Iran is entitled to use any amount of vater originating within Iran prior to the arrival of such vater at the border. According to Mr. Senandaji, international law and custom upholds Iran's right to utilize its own water resources to the fullest extent, in the absence of my agreement to the contrary. He declared that the Sumar Protocol refers only to the division of vaters which form a part of the boundary and is applicable only to such water as reaches that boundary. He added that there are other boundary protocols and agreements under the treaty (of 1937) which could be cited in addition or in contrast to the Sumar Protocol, and declared that none of these places any restriction on the emount of water which Iran may use for any purpose within its own borders.

Mr. Sanandaji edded that the Iranian position is that the Gevernment is completely willing to negotiate boundary questions with Iraq, and is especially anxious to settle the Shett-el-Arab issue. / lie said a settlement of the latter question would make it possible for both countries to negotiate agreements on other matters of mutual benefit.

Replying to a question on the present status of the preliminaries to such negotiation, Ur. Sanandaji remarked that thus far the Iraqis have not shown any real indication that they are disposed to negotiate seriously on the question of the Shatt-al-Arab.

Further Kientification of Iranian Border Irrigation Projects

A total of four projects were positively identified by Mr. Sanandaji in response to a question about the number and location of Iran's border irrigation dams which have or soon will diminish the normal flow of water into Iraq. The places and/or rivers named were: Qasr-i-Shirin, Sumar, Cilan and Kuniam Cham, each of which has been previously identified in this despatch.

Boundary Protocols Applicable to This Dispute

It appears that the Sumar Protocol is an agreement arrived at pursuant to the following stipulation in Article I of the Protocol of Constantinople of 1913:

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"The Delimitation Commission shall draw up a special agreement for the distribution of the Gengir (Sumar) waters between the parties concerned."

The Delimitation Commission referred to was previously agreed upon the the Tehran Protocol of 1911, which provided for a Joint Commission for delimitation of the frontier, working on the basis of the Treaty of Erzerum of 1847 (Articles I-III). The Tehran Protocol also made provision for a technical commission "to apply the definite delimitation of the spot." (Article II).

Copies of the foregoing documents, printed in the Official Journal of the League of Nations, February 1935, were received recently from the Department. The Swar Protocol is not available with these documents, nor among the records of this Embassy. It is hoped that this document will be included with copies of the proceedings of the Turco-Persian Boundary Delimitation Commission of 1914, which the Department has requested from the archives of the League of Nations at Geneva. The Hinutes of the foregoing Boundary Commission, and the Protocol of Constantinople of 1913, were validated by the Boundary Treaty between Iraq and Iran, signed July 4, 1937 (Article 1).

Appendix D of a letter from the Covernment of Iraq to the Secretary-General of the League of Nations dated November 29, 1934 (printed in the aforementioned Journal of the League of Nations, February 1935) outlines the course of an earlier dispute (1931-1934) over the division of the waters of the Numiem Chem (Gunjam Chem) which is pertinent to the diversion project now under construction near Mehran.

The correspondence which is quoted in connection with the above dispute includes mention of the Gangir River, with which the Sumar Protocol is tentatively identified. (Cf. Note from Persian Legation to Iraqi Ministry of Foreign Affeirs, September 20, 1931).

COMMENT

The period during which an Irrigation Bongah survey team visited the Kermanshah and Kurdistan border area corresponds approximately with the time at which the Foreign Ministry is reported to have made its recommendations to the Ministry of Agriculture.

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Although reservations have been expressed regarding the economic justification and agricultural practicability of these border area irrigation schemes, these are not large construction projects and increased consumption requirements on the Iranian side will depend upon the extent of resettlement in each area. Any diminution of the the water flow, however, will have a very serious dry season effect on villages across the boundary, where full utilization of the flow of recent years must be assumed.

Whether or not Iran diverts water in excess of actual requirements seems to depend upon Iraq's response to the proposals reported to have been included in a note delivered by the Iranian Ambassador in Baghdad on July 21, 1959, with particular emphasis on the naming of a joint commission regarding the use of the Shatt-al-Arab and the granting of permission for reasonable use of the Ki. ... proceed port facilities.

In any event, the Iranian Government is expected to proceed with its plans for building further river diversion projects, partly because of the conclusion that improvements, including the development of vater resources, are needed to stabilize conditions in the Kermanshah border area, and partly because of the conviction, perhaps shared less extensively, that Iraq will not willingly negotiate any change in the status of Shatt-al-Arab control and must be subjected to pressure elsewhere along the boundary which will force the discussion of an over-all settlement.

It is perhaps ironic that Iran has chosen this time to construct diversion dams on or near the Iraqi border because at the same time the Government is endeavoring to settle the Helmand dispute with Afghanistan. This is symptomatic of the inconsistencies which characterize the Persian scene. If one follows Mr. Sanandaji's rationalization, the Iranians can hardly complain about the diversion dam currently under consideration by the Afghans.

A more prudent attitude was shown earlier this year when the Government considered the implications of a unilateral water diversion policy vis-a-vis Iraq and Afghanistan and modified its bill extending Iranian territorial waters by deleting a chause which set forth Iranian ownership of the waters of all rivers rising in Iran, from their source to the border or sea. (Emb. Des. 525, January 31, 1959.)

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The Department is requested to obtain copies of the Sumar Protocol described in this despetch, in the event this document is not received with the records already requested from the archives of the League of Nations (CA 1990, August 28, 1959).

FOR THE AMBASSADORS

Robert R. Schott Second Secretary of Embassy

Copies to:

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